Substitute for form 1449/PTO

Sheet

## FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

	Equivalent of 1 of 11 1 1 C/OB/OOB (0	3-00			
Complete if Known					
Application Number	10/578,770	_			
Filing Date	February 22, 2007	_			
First Named Inventor	Satoshi HASHIGUCHI				
Art Unit	1753				
Examiner Name	To Be Determined				
Attorney Docket Number	0666 2880000/TGD/AFK	_			

	U.S. PATENT DOCUMENTS						
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines,		
Initials	Initials* No.1 Number-Kind Code <sup>2 (If Known)</sup> MM	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear			
	US1						
	US2						
	US3						
	US4						
	US5	2003-0186247	10-02-2003	Smarason et al.			
	US6	5,928,484	07-27-1999	Bellon et al.			
	US7						
	US8						
	US9						
	US10						
	US11						
	US12						
	US13						
	US14						
	US15						
	US16						
	US17						
	US18						
	US19						
·	US20						

	FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where		
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)			Relevant Passages or Relevant Figures Appear	T <sup>6</sup>	
	FP10	EP 979868 A2	02-16-2000	Kreader et al.			
	FP11						
	FP12						
	FP13						
	FP14						
	FP15						
	FP16						
	FP17						
	FP18						

903384\_1.DOC

Examiner	Date	
Signature	Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Equivalent of Form PTO/SB/08b (09-08)

Substitute fo	Substitute for form 1449/PTO			Con	Complete if Known		
FOURTH SUPPLEMENTAL			ENITAI	Application Number	10/578,770		
		Filing Date	February 22, 2007				
INFORMATION DISCLOSURE				First Named Inventor	Satoshi HASHIGUCHI		
SIAIE	STATEMENT BY APPLICANT (Use as many sheets as necessary)		Art Unit	1753			
	(Use as many	sheets a	is necessary)	Examiner Name	To Be Determined		
Sheet	1	of	1	Attorney Docket Number	0666.2880000/TGD/AFK		

Examiner	Cite No.1	NON PATENT LITERATURE DOCUMENTS	
Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
	NPL5	Helenius, A., et al., "Charge shift electrophoresis: simple method for distinguishing between amphiphilic and hydrophilic proteins in detergent solution," <i>Proc. Natl. Acad. Sci.</i> USA 74(2): 529-532 (1977).	
	NPL6		:
	NPL7		
	NPL8		
	NPL9		
	NPL10		
	NPL11		
	NPL12		
	NPL13		
	NPL14		

903388\_1.DOC

Examiner	Date	
Signature	Considered	
AEN/A B 414 IEEE A 444		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.